



30 Series Granulators

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30 Series Granulators

Application:

The 30 Series granulators offer a wide range of capabilities to handle the most demanding injection molding, blow molding, and extrusion requirements. With a horsepower range from 5.6 to 18.6 kW, throughput capacities from 225 to 360 kg/hr, and a wide range of sizes, there is a Cumberland granulator ideal for your specific needs. The 3-knife open slant-cut rotor with scooped wings provides for both positive feeding of bulky parts and improved airflow for cooler operation. Rotating end discs reduce heat and abrasion.

Standard Features:

- TEFC motor and solid flywheel drive
- Metal bin discharge
- Hopper
 - Hand, robot, or conveyor operation
 - Sound attenuated
 - Multi-feed
- Cutting chamber
 - Offset design; 2 bed knives
 - Machined, bolted, and doweled
 - Full sound-attenuated to approximately 85 dBA
- 3-knife rotor
 - Open slant-cut with scooped wings
 - Rotating end discs
- Quick-release hand knob access
- Rotor and bed knives
 - D2 OEM manufactured
 - Proprietary process
- Removable pivoting drop-down screen and screen cradle
 - 8 mm standard
 - 5 mm, 6 mm, 10 mm and other sizes available
- Controls
 - IP-55 400V



(shown with optional evacuation)





Swing down clamp with hand knob provides quick and easy machine access.



Larger in-feed offers easier hand and conveyor feeding.



Ease of cleaning enables quick turnover cycles between color changes. New bed knife positions offer the easiest access in the industry.



Rotating end discs reduce heat generation and smearing of material on the cutting chamber sidewalls

Selector Guide

Features	In-feed	Rotor	Base		Discharge				Motor/ Controls	Drive Parts	Throughput	Weight
	Tray feed					Pneumatic					kg/hr	kg
	Removable flap top assembly	3-knife open slant cut	Portable caster mount	Stationary vibration pad	Metal bin	100 mm 127 mm 152 mm	Vacuum or Gaylord	Evacuation System	TEFC 400V Start/Stop IP-55 Controls	Solid High-Inertia Flywheel V-belt Drive	8 mm Screen 3-knife Rotor (approx.)	(approx.)
3030	Tray & Sheet,	STD	STD	Opt.	STD	Opt.	Opt.	Opt.	5.6 – 18.6 kW	STD	225	795
3045	Tray & Pipe, or										340	1045
3060	Tray & Feed Rolls								7.5 – 18.6 kW		405	1290